OPINIONS AND DECLARATIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.

VOLUME 20. Part 33. Pp. 377-390

OPINION 566

Suppression under the Plenary Powers of the generic name *Tingra* Boisduval, 1847, and designation under the same Powers for the genera *Liptena* Westwood, [1851], and *Pentila* Westwood, [1851], of type species in harmony with accustomed usage (Class Insecta, Order Lepidoptera)

LONDON:

Printed by Order of the International Trust for Zoological Nomenclature

and

Sold on behalf of the International Commission on Zoological Nomenclature by the International Trust at its Publications Office

41, Queen's Gate, London, S.W.7

1959

Price Seven Shillings

(All rights reserved)

JUL 2 1959

INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN OPINION 566

A. The Officers of the Commission

Honorary Life President: Dr. Karl JORDAN (British Museum (Natural History), Zoological Museum, Tring, Herts., England)

President: Professor James Chester Bradley (Cornell University, Ithaca, N.Y., U.S.A.) (12th August 1953)

Vice-President: Senhor Dr. Afranio do AMARAL (Sao Paulo, Brazil) (12th August 1953)

Secretary: Mr. Francis HEMMING (London, England) (27th July 1948)

B. The Members of the Commission

(Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology)

Professor H. Boschma (Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands) (1st January 1947)

Senor Dr. Angel CABRERA (La Plata, Argentina) (27th July 1948)

Mr. Francis Hemming (London, England) (27th July 1948) (Secretary)

Dr. Henning Lemche (Universitetets Zoologiske Museum, Copenhagen, Denmark) (27th July 1948) Professor Pierre Bonnet (Université de Toulouse, France) (9th June 1950)

Mr. Norman Denbigh RILEY (British Museum (Natural History), London) (9th June 1950)

Professor Tadeusz JACZEWSKI (Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland) (15th June 1950)

Professor Robert Mertens (Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a.M., Germany) (5th July 1950)

Professor Erich Martin Hering (Zoologisches Museum der Humboldt-Universität zu Berlin, Germany) (5th July 1950)

Senhor Dr. Afranio do Amaral (S. Paulo, Brazil) (12th August 1953) (Vice-President)

Professor J. R. DYMOND (University of Toronto, Toronto, Canada) (12th August 1953)

Professor J. Chester Bradley (Cornell University, Ithaca, N.Y., U.S.A.) (12th August 1953) (President)

Professor Harold E. Vokes (University of Tulane, Department of Geology, New Orleans, Louisiana, U.S.A.) (12th August 1953)

Professor Béla Hankó (Mezőgazdasági Muzeum, Budapest, Hungary) (12th August 1953)

Dr. Norman R. Stoll (Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.) (12th August 1953)

Mr. P. C. Sylvester-Bradley (Sheffield University, Sheffield, England) (12th August 1953)

Dr. L. B. Holthuis (Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands) (12th August 1953)

Dr. K. H. L. Key (Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia) (15th October 1954)

Dr. Alden H. MILLER (Museum of Vertebrate Zoology, University of California, U.S.A.) (29th October 1954)

Doc. Dr. Ferdinand PRANTL (Národni Museum V Praze, Prague, Czechoslovakia) (30th October 1954)

Professor Dr. Wilhelm KÜHNELT (Zoologisches Institut der Universität, Vienna, Austria) (6th November 1954)

Professor F. S. Bodenheimer (The Hebrew University, Jerusalem, Israel) (11th November 1954)

Professor Ernst MAYR (Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.) (4th December 1954)

Professor Enrico Tortonese (Museo di Storia Naturale "G. Doria", Genova, Italy) (16th December 1954)

OPINION 566

SUPPRESSION UNDER THE PLENARY POWERS OF THE GENERIC NAME "TINGRA" BOISDUVAL, 1847, AND DESIGNATION UNDER THE SAME POWERS FOR THE GENERA "LIPTENA" WESTWOOD, [1851], AND "PENTILA" WESTWOOD, [1851], OF TYPE SPECIES IN HARMONY WITH ACCUSTOMED USAGE (CLASS INSECTA, ORDER LEPIDOPTERA)

RULING:—(1) The following action is hereby taken under the Plenary Powers:—

- (a) The generic name *Tingra* Boisduval, 1847, is hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy.
- (b) All indications or selections of type species for the under-mentioned genera made prior to the present Ruling are hereby set aside and the species severally specified below are hereby designated to be the type species of the genera in question:—
 - (i) Liptena undularis Hewitson, [1866], to be the type species of the genus Liptena Westwood, [1851];
 - (ii) Tingra tropicalis Boisduval, 1847, to be the type species of the genus Pentila Westwood, [1851].
- (2) The under-mentioned generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers severally specified below:—
 - (a) Liptena Westwood, [1851] (gender: feminine) (type species, by designation under the Plenary Powers in (1)(b)(i) above: Liptena undularis Hewitson, [1866]) (Name No. 1365);
 - (b) Pentila Westwood, [1851], as validated under the Plenary Powers in (1)(a) above (gender: feminine) (type species, by designation under the Plenary Powers in (1)(b)(ii) above: Tingra tropicalis Boisduval, 1847) (Name No. 1366);
 - (c) Telipna Aurivillius, 1895 (gender: feminine) (type species, by original designation: Liptena acraea Westwood, [1851]) (Name No. 1367);
 - (d) Megalopalpus Röber, 1886 (gender: masculine) (type species, by original designation: Megalopalpus simplex Röber, 1886) (Name No. 1368).

- (3) The under-mentioned specific names are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below:—
 - (a) undularis Hewitson, [1866], as published in the combination Liptena undularis (specific name of type species of Liptena Westwood, [1851]) (Name No. 1658);
 - (b) tropicalis Boisduval, 1847, as published in the combination Tingra tropicalis (specific name of type species of Pentila Westwood, [1851]) (Name No. 1659);
 - (c) acraea Westwood, [1851], as published in the combination Liptena acraea (specific name of type species of Telipna Aurivillius, 1895) (Name No. 1660);
 - (d) simplex Röber, 1886, as published in the combination Megalopalpus simplex (specific name of type species of Megalopalpus Röber, 1886) (Name No. 1661);
 - (e) zymna Westwood, [1851], as published in the combination Pentila zymna (Name No. 1662).
- (4) The under-mentioned generic names are hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Numbers severally specified below:—
 - (a) Tingra Boisduval, 1847, as suppressed under the Plenary Powers in (1)(a) above (Name No. 1279);
 - (b) Parapontia Röber, (1892) (a junior objective synonym of Liptena Westwood, [1851]) (Name No. 1280).
- (5) The under-mentioned family-group names are hereby placed on the Official List of Family-Group Names in Zoology with the Name Numbers severally specified below:—
 - (a) LIPTENINAE Röber (J.), (1892) (type genus: Liptena Westwood, [1851]) (Name No. 270);
 - (b) PENTILINI Aurivillius, [1921] (type genus: *Pentila* Westwood, [1851]) (Name No. 271).

I. THE STATEMENT OF THE CASE

On 25th June 1957, Mr. Francis Hemming (London) addressed a letter to the Office of the Commission, with which he enclosed the following joint application by M. H. Stempffer (Paris) and himself for the use by the Commission of its Plenary Powers for the purpose of preserving the currently accepted usage of the generic names Liptena Westwood, [1851], Pentila Westwood, [1851] and Telipna Aurivillius, 1895 (Class Insecta, Order Lepidoptera), these being, as Mr. Hemming explained, the names of a group of related genera of the family LYCAENIDAE which would be thrown into a state of the utmost confusion if the normal provisions of the Règles were to be applied through the transfer of these names from one genus to another.

Proposed use of the Plenary Powers to preserve the generic names "Liptena" Westwood, [1851], and "Pentila" Westwood, [1851] (Class Insecta, Order Lepidoptera) for use in their accustomed sense and to prevent the transfer of those names to genera for which they have never been employed

By FRANCIS HEMMING, C.M.G., C.B.E. (London)

and

H. STEMPFFER (Paris)

The purpose of the present application is to ask the International Commission on Zoological Nomenclature to use its Plenary Powers to preserve for use in their accustomed sense the names of two important African genera of LYCAENIDAE—Liptena Westwood, [1851], and Pentila Westwood, [1851]—and to prevent the extremely confusing transfer of these names to genera for which they have never been used which would result if the normal provisions of the Règles were to be applied in the present case.

- 2. The following are the references for the generic names involved in the present case:—
- Tingra Boisduval, 1847, in Delegorgue, Voy. Afrique austr. 2:589 (type species, by monotypy: Tingra tropicalis Boisduval, 1847, in Delagorgue, Voy. Afrique austr. 2:589)
- Pentila Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 76 (type species, by monotypy: Pentila zymna Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 76, fig. 6)
- Liptena Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 77 (type species, by selection by Scudder (S.H.), 1875, Proc. Amer. Acad. Arts Sci., Boston 10: 208): Liptena acraea Westwood, [5th December 1851], Gen. diurn. Lep. (2): pl. 77, fig. 6)
- Megalopalpus Röber, 1886, CorrespBl. ent. Ver. Iris 1:51 (type species, by original designation: Megalopalpus simplex Röber, 1886, CorrespBl. ent. Ver. Iris 1:51, pl. 4, fig. 4)
- Parapontia Röber, (1892), in Schatz, in Staudinger & Schatz, Exot. Schmett.

 1 (Th. 2) (6): 280 (type species, by monotypy: Liptena undularis Hewitson, [1866], Ill. exot. Butts. 3: [120], pl. [60], fig. 7)
- Telipna Aurivillius, 1895, Ent. Tidskr. 16: 198 (type species, by original designation: Liptena acraea Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 77, fig. 6).
- 3. A large part of the difficulty in the present case arises from the unsatisfactory way in which the names *Pentila* and *Liptena* were first validly published (by Westwood in 1851) and from the fact that the first of these names had already been published, four years previously, as a *nomen nudum*. These aspects of the case are discussed in the immediately following paragraphs.

- 4. The generic name *Pentila* was first published by Doubleday in 1847 (*List. Spec. lep. Ins. Brit. Mus.* 2:57) but this name is invalid as from the date on which it was so published (a) because he gave no diagnosis for the genus so named (a deficiency which would not have been fatal to the availability of this name if he had cited the name of any previously established nominal species as that of a species belonging to this new genus) and (b) because the only nominal species which he cited as belonging to *Pentila* was *Pentila undularis*, a manuscript species of Boisduval's, the name of which was therefore at that time a *nomen nudum*. Thus, the name *Pentila* as published by Doubleday was a name possessing no nomenclatorial foundation and is itself a *nomen nudum*.
- 5. It is necessary now to examine the way in which the generic names *Pentila* and *Liptena* were published by Westwood in his supplement to Doubleday's Genera of Diurnal Lepidoptera. These names appeared both on the legends of plates published in this supplement and also in the accompanying text. What is important at this stage is to determine whether the plates and the text were published simultaneously or whether one was published before the other and, if so, which. For the nominal species associated with these nominal genera are not in all respects the same on the plates as in the Until fairly recently the relative dates of publication were not known with certainty and this is one of the causes of the confusion which has arisen in this case, some authors having treated the text and the plates (pls. 76 and 77) as having been published simultaneously, others taking the view that the plates were published before the text. Fortunately, all doubts on this subject have been removed by the demonstration by Hemming in 1941 (J. Soc. Bibl. nat. Hist. 1: 355-464) of the dates on which each sheet of the text and each plate of this work were published. This paper shows that plates 76 and 77 were published on 5th December 1851 in Part 50 and that the portion of the text containing the names *Pentila* and *Liptena* (i.e. the portion containing page 503), which were issued in Part 54, was not published until 12th August 1852. Thus, the plates concerned have over eight months' priority over the corresponding portion of the text. We must note at this point that the contention sometimes formerly advanced that generic names published on the legends of plates cannot be accepted for nomenclatorial purposes is without foundation, having been finally disposed of by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, Bull. zool. Nomencl. 4:255) by the insertion in the Règles of a provision that any generic name published in the foregoing way before 1st January 1931 is to be accepted as having been duly published with an "indication". We see therefore that the names *Pentila* Westwood and *Liptena* Westwood rank for priority as from 5th December 1851, the dates on which those names appeared on the legends to plates 76 and 77 respectively. Further, the only nominal species which are eligible to become the type species are the nominal species cited in the legends to the above plates as belonging to these genera. (Before leaving Westwood's supplement to Doubleday's Gen. diurn. Lep., we may note that in the text (: 503) he cited Liptena only as a synonym of Pentila, transferring to that genus the two species which he had figured on plate 77 as belonging to Liptena. Though of interest as showing a change in Westwood's taxonomic ideas, his treatment of these nominal genera in the text of his supplement is of no nomenclatorial significance, for, as we have seen, the names of these genera had been published on the legends of plates 76 and 77 eight months earlier and in consequence the interpretation of the genera so named depends exclusively upon the treatment accorded to them when the names *Pentila* and *Liptena* were published on the foregoing plates.)

- 6. Now that we know definitely when and where the names *Pentila* and *Liptena* were first published, we have no difficulty at all in determining what under the *Règles* are the respective type species of the genera so named. On plate 76 the only nominal species cited as belonging to the genus *Pentila* Westwood was the nominal species *Pentila zymna* Westwood (a nominal species then established for the first time), which is therefore the type species of *Pentila* Westwood by monotypy. On plate 77 two nominal species, both at that time new species, were cited as belonging to the genus *Liptena* Westwood. These were *Liptena abraxas* Westwood (fig. 5) and *Liptena acraea* Westwood (fig. 6). From these species which alone are eligible for consideration as possible type species for *Liptena* Westwood, *Liptena acraea* Westwood was the first to be selected as the type species, this selection having been made by Scudder in 1875. Under the *Règles* this species is therefore the type species of *Liptena* Westwood.
- 7. Although it has long been known that the current interpretation of the genera Liptena Westwood and Pentila Westwood was untenable, the changes in current usage which would follow a strict application of the normal provisions of the Règles are so devastating that no worker has attempted to apply those provisions in this case. Thus, Liptena acraea Westwood, the type species of Liptena Westwood under the Règles, is a species currently placed in the genus Telipna Aurivillius, 1895, of which indeed it is the type If in this case the normal provisions of the Règles were to be applied the name Liptena Westwood would have to be transferred to the genus now known as *Telipna* Aurivillius, the latter name disappearing as a junior objective synonym of *Liptena* Westwood. This confusing and objectionable change would make it necessary to apply to the genus currently known as Liptena Westwood the name Parapontia Röber, (1892), the type species of the genus so named being *Liptena undularis* Hewitson, [1866], a highly representative member of the genus *Liptena* as currently understood. The effect of applying the normal provisions of the Règles to the generic name Pentila Westwood would be equally startling and confusing, for Pentila zymna Westwood, the valid type species of this genus, is currently referred to the genus Megalopalpus Röber, 1886. The latter name would disappear as a junior subjective synonym of *Pentila* Westwood and another name would need to be provided for the large genus currently known by the name Pentila. It is at this point that a further flaw in the accepted nomenclature of this group comes into view, for we have to note that under the Règles not only does the name Pentila apply to a genus different from that for which it is currently employed but that, even if this were not so, it would still not be the valid name for that genus, for that name, as so used, is a junior subjective synonym of the long-forgotten and virtually unknown name Tingra Boisduval, 1847.
- 8. The far-reaching nature of the disturbance which would be created by the changes described above will be immediately apparent when it is realised that they would involve the transfer of almost one hundred and fifty species from the genera in which they are customarily placed to genera to which they have never been assigned. Thus, the thirty species of *Telipna* would in future have to be known as *Liptena*; the sixty-eight species of *Liptena* would have to be transferred to the genus *Parapontia*; the four species of *Megalopalpus* would be known as *Pentila*; finally the forty-six species of *Pentila* would have to go by the name *Tingra* Boisduval. Moreover, all the faunistic works so far published would become unintelligible, for every author has followed Aurivillius in his disposition of the names *Liptena*, *Telipna* and *Pentila*.

9. But it is not only at the generic-name level that the most serious confusion would arise if the normal provisions of the Règles were to apply in the present case, for even more baffling changes would be involved at the family-group-name level. Of the genera with which we are concerned three (Telipna, Pentila and Liptena, in each case as currently understood) are placed in the subfamily LIPTENINAE Kirby (W.F.), 1896 (in Allen's Nat. Libr., Handb. Lep. 1, Butts. 2: 133), while the fourth (Megalopalpus) does not even belong to the subfamily LIPTENINAE. As was pointed out by Aurivillius (1898) and later by Bethune-Baker (1914), this genus is an isolated African representative of an entirely distinct Indo-Oriental subfamily which is now known as the MILETINAE Corbet (A.S.) & Pendlebury (H.M.), 1956 (Butts. Malay Penins. (ed. 2): 259, 264), a group having the genus Miletus Hübner, [1819] (Verz. bekannt. Schmett. (5): 71) as type genus. The subfamily LIPTENINAE is itself commonly divided into two tribes, the PENTILINI Aurivillius, [1921] (in Seitz, Grossschmett. Erde 13: 298) and the nominate tribe LIPTENINI. Of the three Liptenine genera here in question two (Telipna and Pentila as currently understood) belong to the PENTILINI, while Liptena (as hitherto interpreted) belongs naturally to the nominate tribe LIPTENINI. It will be seen at once how great would be the confusion resulting from applying the normal provisions of the Règles to the names of the type genera of the foregoing family-group taxa. The genus *Pentila*, the type genus of the tribe PENTILINI, would cease to belong to the subfamily LIPTENINAE, while within that subfamily the tribe now known as PENTILINI, which comprises the genus now known as Telipna but which in future would be known as Liptena, would become the nominate tribe LIPTENINI. Some other name would have to be found for the tribe comprising the genus now known as Liptena (which would have to be known as Parapontia), for this would no longer include Liptena and could not in future be known as the LIPTENINI.

10. It will be seen from the particulars given above that the most profound and far-reaching confusion not only at the generic-name level but also at the family-group-name level would result from the application in this case of the normal provisions of the Règles. For this reason alone there are, in our view, very strong reasons in favour of remedial action being taken by the Commission under its Plenary Powers. These reasons appear to us to be irresistable when account is taken of the exceptional morphological interest of this group and the peculiar examples of mimicry exhibited by some of the species concerned, as regards which a considerable literature has grown up. It is for these reasons that in the present application we ask the International Commission to use its Plenary Powers to stabilise current nomenclatorial practice and to prevent the very serious confusion which would otherwise be inevitable. main features of the action necessary to give effect to the solution which we recommend are twofold. First, it would be necessary for the Commission to use its Plenary Powers to suppress the name Tingra Boisduval, 1847, for otherwise that name by reason of its priority would render impossible the use of the name Pentila Westwood, [1851] which has for so long been applied to the genus concerned. Second, it would be necessary for the Commission under the same Powers to designate both for Pentila Westwood and for Liptena Westwood, [1851], type species in harmony with current and longestablished practice. As regards the choice to be made of the species to be designated as the type species of these genera, we consider that the best course would be (i) to designate as the type species of Liptena Westwood the nominal species Liptena undularis Hewitson, [1866], that species having for long, though incorrectly, been regarded as the type species of this genus, and (ii) to designate as the type species of *Pentila* Westwood the nominal

species *Tingra tropicalis* Boisduval, 1847, this being a species which is intrinsically suitable for selection as type species and is moreover the type species of the older-established nominal genus *Tingra* Boisduval, 1847, the name of which it is proposed (for the reasons explained above) should be suppressed under the Plenary Powers in order to make way for the continued use of the generic name *Pentila* Westwood.

- 11. The proposal which for the reasons set out in the present application we now submit for consideration is that the International Commission on Zoological Nomenclature should:—
 - (1) use its Plenary Powers:-
 - (a) to suppress the generic name *Tingra* Boisduval, 1847, for the purposes of the Law of Priority but not for those of the Law of Homonymy;
 - (b) to set aside all indications or selections of type species for the under-mentioned genera made prior to the Ruling now asked for and, having done so, to designate as the type species of those genera the nominal species severally specified below:—

Name of Genus

Nominal species proposed to be designated as type species of the genus specified in Col. (1)

(1)
Liptena Westwood,
[1851]
Pentila Westwood,
[1851]

(2) Liptena undularis Hewitson, [1866]

Tingra tropicalis Boisduval, 1847

- (2) place the under-mentioned generic names on the Official List of Generic Names in Zoology:—
 - (a) Liptena Westwood, [1851] (gender: feminine) (type species, by designation under the Plenary Powers in (1)(b) above: Liptena undularis Hewitson, [1866]);
 - (b) Pentila Westwood, [1851], as validated under the Plenary Powers in (1)(a) above (gender: feminine) (type species, by designation under the Plenary Powers in (1)(b) above: Tingra tropicalis Boisduval, 1847);
 - (c) Telipna Aurivillius, 1895 (gender: feminine) (type species, by original designation: Liptena acraea Westwood, [1851]);
 - (d) Megalopalpus Röber, 1886 (gender: masculine) (type species, by original designation: Megalopalpus simplex Röber, 1886);
- (3) place the under-mentioned specific names on the Official List of Specific Names in Zoology:—
 - (a) undularis Hewitson, [1866], as published in the combination Liptena undularis (specific name of type species of Liptena Westwood, [1851]);
 - (b) tropicalis Boisduval, 1847, as published in the combination Tingra tropicalis (specific name of type species of Pentila Westwood, [1851]);

- (c) acraea Westwood, [1851], as published in the combination Liptena acraea (specific name of type species of Telipna Aurivillius, 1895);
- (d) simplex Röber, 1886, as published in the combination Megalopalpus simplex (specific name of type species of Megalopalpus Röber, 1886);
- (e) zymna Westwood, [1851], as published in the combination Pentila zymna;
- (4) place the under-mentioned generic names on the Official Index of Rejected and Invalid Generic Names in Zoology:—
 - (a) Tingra Boisduval, 1847, as suppressed under the Plenary Powers in (1)(a) above;
 - (b) Parapontia Röber, (1892) (a junior objective synonym of Liptena Westwood, [1851], as defined under the Plenary Powers in (1)(b) above);
- (5) place the under-mentioned family-group names on the Official List of Family-Group Names in Zoology:—
 - (a) LIPTENINAE Kirby (W.F.), 1896 (type genus: Liptena Westwood, [1851]);
 - (b) PENTILINI Aurivillius, [1921] (type genus: Pentila Westwood, [1851]).

II. THE SUBSEQUENT HISTORY OF THE CASE

- **2.** Registration of the present application: Upon the receipt of the present application, the questions involved were allotted the Registered Number Z.N.(S.) 476.
- 3. Support received before publication from N. D. Riley: On 21st June 1957, Mr. N. D. Riley (*British Museum (Natural History*), *London*) addressed the following letter to the applicants in which he intimated his support for the action proposed:—

I am most happy to support the application to the Commission to use its Plenary Powers to preserve the use of the generic names *Liptena* and *Pentila* in their present accepted sense. As you so clearly demonstrate in the application, to apply these names strictly in accordance with the Rules would make a phantasy of the Commission's attempts to achieve stability in nomenclature. A point which might be stressed even more strongly than you do in the application is that these genera as at present used include a large number of species of astonishing taxonomic and bionomic interest. They present variations of structure and pattern which as yet are not by any means fully understood, and certainly in some cases are of mimetic significance.

4. Publication of the present application: The present application and Mr. Riley's comment thereon were sent to the printer on 25th June 1957 and were published on 30th September of the same year in Part 9 of Volume 13 of the *Bulletin of Zoological Nomenclature* (Hemming (F.) & Stempffer (H.), 1957, *Bull. zool. Nomencl.* **13**: 280–286; Riley (N.D.), 1957, *ibid.* **13**: 286).

- 5. Issue of Public Notices: Under the revised procedure prescribed by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, Bull. zool. Nomencl. 4: 51–56), Public Notice of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers in the present case was given on 30th September 1957 (a) in Part 9 of Volume 13 of the Bulletin of Zoological Nomenclature (the Part in which the application submitted by Mr. Hemming and M. Stempffer was published) and (b) to the other prescribed serial publications. In addition, such Notice was given also to four general zoological serial publications and to eight entomological serials in Europe and America.
- **6. Support received after publication from G. van Son:**—On 3rd December 1957, Dr. G. van Son (*Transvaal Museum*, *Pretoria*, *South Africa*), to whom separates of a number of recent applications, including the present, had been sent, replied as follows:—

I completely agree to the proposed recommendations concerning each one of the items dealt with, in their entirety and hope they will be sanctioned by the International Commission.

7. No objection Received: No objection to the action proposed in this case was received from any source.

III. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

- **8.** Issue of Voting Paper V.P.(58)11: On 3rd April, 1958, a Voting Paper (V.P.(58)11) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the generic names Liptena and Pentila, both of Westwood, [1851] (Class Insecta, Order Lepidoptera), as set out in Points (1) to (5) in paragraph 11 on pages 285 to 286 in Volume 13 of the Bulletin of Zoological Nomenclature" [i.e. in the Points numbered as above in paragraph 11 of the paper reproduced in the first paragraph of the present Opinion].
- **9.** The Prescribed Voting Period: As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 3rd July 1958.
- 10. Particulars of the Voting on Voting Paper V.P.(58)11: At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(58)11 was as follows:—
 - (a) Affirmative Votes had been given by the following twenty-one (21) Commissioners (arranged in the order in which Votes were received):

Holthuis; Prantl; Hering; Vokes; Lemche; Boschma; Bodenheimer; Dymond; Mayr; Mertens; Key; do Amaral; Sylvester-Bradley; Bradley (J.C.); Hemming; Stoll; Kühnelt; Cabrera; Tortonese; Jaczewski; Riley;

(b) Negative Votes:

None:

- (c) On Leave of Absence, one (1):
 Miller:
- (d) Voting Papers not returned, two (2): Bonnet; Hankó.

- 11. Declaration of Result of Vote: On 4th July 1958, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(58)11, signed a Certificate that the Votes cast were as set out in paragraph 10 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.
- 12. Insertion of a revised bibliographical reference for the family-group name based on the generic name "Liptena" Westwood, [1851]: On 7th July 1958, Mr. Hemming, as Secretary, executed the following Minute directing that in the *Opinion* to be prepared for giving effect to the decision taken by the Commission on Voting Paper V.P.(58)11 the author and date to be attributed to the family-group name LIPTENINAE (type genus: *Liptena* Westwood, [1851]) be amended so as to read LIPTENINAE Röber (J.), (1892):—

Family-Group Name based on the generic name "Liptena" Westwood, [1851]

MINUTE by FRANCIS HEMMING, C.M.G., C.B.E. (Secretary to the International Commission on Zoological Nomenclature)

The purpose of the present Minute is to record the receipt from the applicants on 21st June 1958 of a communication (dated 20th June 1958) in which attention was drawn to the fact that there had come to light a bibliographical reference for a family-group name based on the generic name *Liptena* Westwood, [1851], older than the name for that taxon (LIPTENINAE Kirby, 1896) cited in the application submitted to the Commission. The earlier reference in question is LIPTENINAE Röber (J.), (1892), in Schatz in Staudinger & Schatz, Exot. Schmett. 2(6): 262, 277.

In the circumstances set out above I now, as Secretary, hereby direct that in the *Opinion* to be rendered giving effect to the Commission's decision in this case the amended reference for the family-group name LIPTENINAE now reported by the applicants be substituted for the later reference cited in the application as originally submitted.

- 13. Preparation of the Ruling given in the present "Opinion": Following the execution of the Minute reproduced in the immediately preceding paragraph Mr. Hemming on the same day (7th July 1958), prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that, subject to the clarification specified in that Minute, the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(58)11.
- 14. Original References for Generic and Specific Names: The following are the original references for the generic and specific names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Opinion*:—

acraea, Liptena, Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 77, fig. 6

Liptena Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 77

Megalopalpus Röber, 1886, CorrespBl. ent. Ver. Iris 1:51

- Parapontia Röber, (1892), in Schatz, in Staudinger & Schatz, Exot. Schmett. 1 (Th. 2) (6): 280
- Pentila Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 76
- simplex, Megalopalpus, Röber, 1886, CorrespBl. ent. Ver. Iris 1:51, pl. 4, fig. 4 Telipna Aurivillius, 1895, Ent. Tidskr. 16:198
- Tingra Boisduval, 1847, in Delegorgue, Voy. Afrique austr. 2:589
- tropicalis, Tingra, Boisduval, 1847, in Delegorgue, Voy. Afrique austr. 2:589
- undularis, Liptena, Hewitson, [1866], Ill. exot. Butts. 3: [120], pl. [60], fig. 7
- zymna, Pentila, Westwood, [5th December 1851], in Doubleday, Gen. diurn. Lep. (2): pl. 76, fig. 6
- **15.** Original References for Family-Group Names: The following are the original references for the family-group names placed by the Ruling given in the present *Opinion* on the *Official List of Family-Group Names in Zoology*:—
- LIPTENINAE Röber (J.), (1892), in Schatz (E.), in Staudinger (O.) & Schatz (E.), Exot. Schmett. 2(6): 262, 277
- PENTILINI Aurivillius, [1921], in Seitz, Grossschmett. Erde 13: 298
- 16. Compliance with Prescribed Procedures: The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.
- 17. "Opinion" Number: The present *Opinion* shall be known as *Opinion* Five Hundred and Sixty-Six (566) of the International Commission on Zoological Nomenclature.

DONE in London, this Seventh day of July, Nineteen Hundred and Fifty-Eight.

Secretary to the International Commission on Zoological Nomenclature

FRANCIS HEMMING